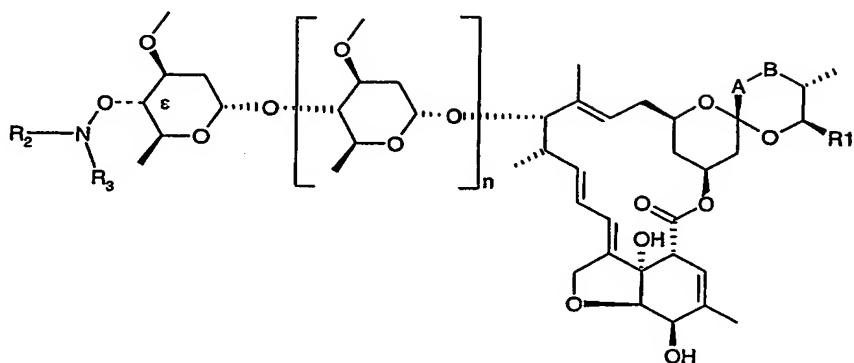


WHAT IS CLAIMED IS:

## 1. A compound of the formula (I)



wherein

A-B is -CH=CH- or -CH<sub>2</sub>-CH<sub>2</sub>-;

n is 0 or 1;

R<sub>1</sub> is C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl or C<sub>2</sub>-C<sub>12</sub>alkenyl;

R<sub>2</sub> and R<sub>3</sub> are either,

(i) independently from each other, -Q, -C(=Y)-Q, -C(=Y)-O-Q, -C(=Y)-N(R<sub>6</sub>)-Q, -SO<sub>2</sub>Q, -SO<sub>2</sub>N(R<sub>6</sub>)Q or CN; or

(ii) together with the nitrogen atom to which they are bound form a three- to ten-membered ring, which may be monocyclic or bicyclic, which may be saturated or unsaturated, and that may contain, in addition to the aforesaid nitrogen atom, one to two hetero atoms selected from the group consisting of N, O and S, and which is either unsubstituted or independently of one another mono- to pentasubstituted with substituents selected from OH, =O, SH, =S, halogen, CN, SCN, N<sub>3</sub>, NO<sub>2</sub>, aryl, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>3</sub>-C<sub>8</sub>cycloalkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>1</sub>-C<sub>12</sub>cycloalkylthio, C<sub>1</sub>-C<sub>12</sub>haloalkylthio, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>6</sub>alkenyloxy, C<sub>2</sub>-C<sub>6</sub>haloalkenyloxy, C<sub>2</sub>-C<sub>8</sub>alkynyl, C<sub>3</sub>-C<sub>6</sub>haloalkynyloxy, C<sub>2</sub>-C<sub>6</sub>alkenylthio, C<sub>2</sub>-C<sub>6</sub>haloalkenylthio, C<sub>1</sub>-C<sub>6</sub>alkylsulfinyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>haloalkylsulfinyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfinyl, C<sub>2</sub>-C<sub>6</sub>alkenylsulfinyl, C<sub>2</sub>-C<sub>6</sub>haloalkenylsulfinyl, C<sub>1</sub>-C<sub>6</sub>alkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfonyl, C<sub>1</sub>-C<sub>6</sub>haloalkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfonyl C<sub>2</sub>-C<sub>6</sub>alkenylsulfonyl, C<sub>2</sub>-C<sub>6</sub>haloalkenylsulfonyl, phenoxy, phenyl-C<sub>1</sub>-C<sub>6</sub>alkyl, trialkylsilyl; -C(=O)R<sub>7</sub>, -O-C(=O)-R<sub>8</sub>, -NH-C(=O)-R<sub>8</sub> and -N(R<sub>9</sub>)<sub>2</sub>, wherein the two R<sub>9</sub> are independent of each other; or

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(iii) together are  $=C(R_4)R_5$ ;

$R_4$  and  $R_5$  are, independently from each other, -Q,  $-C(=Y)-Q$ ,  $-C(=Y)-O-Q$ ,  $-C(=Y)-N(R_6)-Q$ ,  $-SO_2Q$ ,  $-SO_2N(R_6)Q$  or CN; or

$R_4$  and  $R_5$  are together with the carbon atom to which they are bound, a three- to ten-membered alkylene or a four- to seven-membered alkenylene bridge, wherein one  $CH_2$  group in the alkylene or alkenylene may have been replaced by O, S or  $NR_9$ , and which is unsubstituted or mono to tri-substituted;

Y is O or S;

$R_6$  is H,  $C_1-C_6$ alkyl,  $C_3-C_8$ cycloalkyl,  $C_2-C_8$ alkenyl,  $C_2-C_8$ alkynyl, phenyl, benzyl or  $-C(=O)R_7$ ;

Q is H, unsubstituted or mono- to pentasubstituted  $C_1-C_{12}$ alkyl, unsubstituted or mono- to pentasubstituted  $C_2-C_{12}$ alkenyl, unsubstituted or mono- to pentasubstituted  $C_2-C_{12}$ alkynyl, unsubstituted or mono- to pentasubstituted  $C_3-C_{12}$ cycloalkyl, unsubstituted or mono- to pentasubstituted  $C_5-C_{12}$ cycloalkenyl, unsubstituted or mono- to pentasubstituted aryl, or unsubstituted or mono- to pentasubstituted heterocycl;

and wherein the substituents of the alkyl, alkenyl, alkynyl, alkylene, alkenylene, cycloalkyl, cycloalkenyl, aryl and heterocycl radicals mentioned under Q,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$  and  $R_6$  are selected from the group consisting of OH,  $=O$ , SH,  $=S$ , halogen, CN, SCN,  $SF_5$ ,  $N_3$ ,  $NO_2$ , aryl,  $C_3-C_8$ cycloalkyl,  $C_1-C_{12}$ haloalkyl,  $C_3-C_8$ halocycloalkyl,  $C_1-C_{12}$ alkoxy,  $C_3-C_8$ cycloalkoxy,  $C_1-C_{12}$ haloalkoxy,  $C_1-C_{12}$ alkylthio,  $C_1-C_{12}$ cycloalkylthio,  $C_1-C_{12}$ haloalkylthio,  $C_1-C_6$ alkoxy- $C_1-C_6$ alkyl,  $C_1-C_6$ alkoxy- $C_1-C_6$ alkoxy,  $C_2-C_8$ alkenyl,  $C_2-C_6$ alkenyloxy,  $C_2-C_6$ haloalkenyl,  $C_2-C_6$ haloalkenyloxy,  $C_2-C_8$ alkynyl,  $C_2-C_6$ haloalkynyl,  $C_3-C_6$ alkynyloxy,  $C_3-C_6$ haloalkynyloxy,  $C_2-C_6$ alkenylthio,  $C_2-C_6$ haloalkenylthio,  $C_1-C_6$ alkylsulfinyl,  $C_3-C_8$ cycloalkylsulfinyl,  $C_1-C_6$ haloalkylsulfinyl,  $C_3-C_8$ halocycloalkylsulfinyl,  $C_2-C_6$ alkenylsulfinyl,  $C_2-C_6$ haloalkenylsulfinyl,  $C_1-C_6$ alkylsulfonyl,  $C_3-C_8$ cycloalkylsulfonyl,  $C_1-C_6$ haloalkylsulfonyl,  $C_3-C_8$ halocycloalkylsulfonyl  $C_2-C_6$ alkenylsulfonyl,  $C_2-C_6$ haloalkenylsulfonyl, phenoxy, phenyl- $C_1-C_6$ alkyl, trialkylsilyl;  $-C(=O)R_7$ ,  $-O-C(=O)-R_8$ ,  $-NH-C(=O)-R_8$ ,  $-N(R_9)_2$ , wherein the two  $R_9$  are independent of each other, aryl, benzyl, heterocycl, aryloxy, benzyloxy, heterocyclxy, arylthio, benzylthio and heterocyclthio; wherein the aryl, heterocycl, aryloxy, benzyloxy, heterocyclxy, arylthio, heterocyclxy, arylthio, benzylthio and heterocyclthio radicals are unsubstituted or, depending on the possibilities of substitution on the ring, are mono- to pentasubstituted by substituents selected from the group consisting of OH,  $=O$ , SH,  $=S$ , halogen, CN,  $NO_2$ ,

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C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>hydroxyalkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>1</sub>-C<sub>12</sub>haloalkylthio, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, dimethylamino-C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, phenoxy, phenyl-C<sub>1</sub>-C<sub>6</sub>alkyl; methylenedioxy, -C(=O)R<sub>7</sub>, -O-C(=O)-R<sub>8</sub>, -NH-C(=O)R<sub>7</sub>, -N(R<sub>9</sub>)<sub>2</sub>, wherein the two R<sub>9</sub> are independent of each other; C<sub>1</sub>-C<sub>6</sub>alkylsulfinyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>haloalkylsulfinyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>alkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfonyl, C<sub>1</sub>-C<sub>6</sub>haloalkylsulfonyl and C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfonyl;

R<sub>7</sub> is H, OH, SH, -N(R<sub>9</sub>)<sub>2</sub>, wherein the two R<sub>9</sub> are independent of each other, C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>2</sub>-C<sub>12</sub>alkenyl, C<sub>1</sub>-C<sub>8</sub>hydroxyalkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>2</sub>-C<sub>8</sub>alkenyloxy, C<sub>3</sub>-C<sub>8</sub>alkynyoxy; aryl, benzyl, heterocyclyl, aryloxy, benzyl-oxy, heterocyclyoxy; or aryl, benzyl, heterocyclyl, aryloxy, benzyloxy or heterocycloxy, which are mono- to trisubstituted in the ring independently of one another by halogen, nitro, C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>1</sub>-C<sub>6</sub>haloalkyl or C<sub>1</sub>-C<sub>6</sub>haloalkoxy;

R<sub>8</sub> is H; C<sub>1</sub>-C<sub>6</sub>alkyl, which is optionally substituted with one to five substituents selected from the group consisting of halogen, C<sub>1</sub>-C<sub>6</sub>alkoxy, hydroxy and cyano; C<sub>1</sub>-C<sub>8</sub>-cycloalkyl, aryl, benzyl, heteroaryl; or aryl, benzyl or heteroaryl, which, depending on the possibilities of substitution on the ring, are mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio and C<sub>1</sub>-C<sub>12</sub>haloalkylthio; and

R<sub>9</sub> is H; C<sub>1</sub>-C<sub>6</sub>alkyl, which is optionally substituted with one to five substituents selected from the group consisting of halogen, C<sub>1</sub>-C<sub>6</sub>alkoxy, hydroxy and cyano; C<sub>1</sub>-C<sub>8</sub>-cycloalkyl, aryl, benzyl, heteroaryl; or aryl, benzyl or heteroaryl, which, depending on the possibilities of substitution on the ring, are mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio and C<sub>1</sub>-C<sub>12</sub>haloalkylthio;

or, if appropriate, an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, in each case in free form or in salt form.

2. A pesticide which contains at least one compound of the formula (I) as described in claim 1 as active compound and at least one auxiliary.

3. A method for controlling pests wherein a composition as described in claim 2 is applied to the pests or their habitat.

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4. A process for preparing a composition as described in claim 2 which contains at least one auxiliary, wherein the active compound is mixed intimately and/or ground with the auxiliary(s).

5. The use of a compound of the formula (I) as described in claim 1 for preparing a composition as described in claim 2.

6. The use of a composition as described in claim 2 for controlling pests.

7. A method according to claim 3 for protecting plant propagation material, wherein the propagation material or the location where the propagation material is planted is treated.

8. Plant propagation material treated in accordance with the method described in claim 7.